## Author Index (Vol. 63)

Adams, C.W.M. and J. Reidy (Renal arterial pathology after percutaneous transluminal angioplasty), 153

Alavi, M.Z. and S. Moore (Proteoglycan composition of rabbit arterial wall under conditions of experimentally induced atherosclerosis), 65

Albanese, V., see Passero, S., 211 Alexiev, C., see Baydanoff, S., 267

Baba, S., see Kasama, T., 263

Barnard, H.C., see Vermaak, W.J.H., 235

Bates, M., see Swank, A.M., 187

Battistini, N., see Passero, S., 211

Baydanoff, S., C. Nicoloff and C. Alexiev (Age-related changes in anti-eleastin antibodies in serum from normal and atherosclerotic subjects), 267

Becker, C.-H., see Matthias, D., 115

Berlin, E., S.G. Shapiro and P.G. Kliman (Influence of saturated and unsaturated fats on platelet fatty acids in cholesterol-fed rabbits), 85

Beynen, A.C., A.G. Lemmens, J.J. De Bruijne, A. Ronai, B. Wassmer, O. Von Deimling, M.B. Katan and L.F.M. Van Zutphen (Esterases in inbred strains of mice with differential cholesterolemic responses to a high-cholesterol diet),

Boisseau, M.R., see Dupont, H., 15 Bonelli, C., see Passero, S., 211

Bono, G., see Passero, S., 211

Brambilla, G.L., see Passero, S., 211

Bricaud, H., see Dupont, H., 15

Bünting, C.E., see Koschinsky, T., 7

Bury, J., see Rosseneu, M., 231

Butland, B.K., see Rogers, S., 137

Candelise, L., see Passero, S., 211

Caster, H., see Rosseneu, M., 231

De Backer, G., see Rosseneu, M., 231

De Boer, H.H.M., see Van Niekerk, J.L.M., 225

De Bruijne, J.J., see Beynen, A.C., 239

Deitrich, R.W., see Swank, A.M., 187

D'Ettore, M., see Passero, S., 211

De Zanche, L., see Passero, S., 211

Dilley, R.J., J.K. McGeachie and F.J. Prendergast (A review of the proliferative behaviour, morphology and phenotypes of vascular smooth muscle) (Review), 99

Dillman, J., see Pearson, T.A., 125

Dupont, H., M.A. Dupont, J. Larrue, M.R. Boisseau and H. Bricaud (Megakaryopoiesis disturbances in atherosclerctic rabbits), 15

Dupont, M.A., see Dupont, H., 15

Esnouf, M.P., see Mitropoulos, K.A., 43

Etherington, M.D., see Rogers, S., 137

Ettinger, W.H., H.F. Klinefelter and P.O. Kwiterovitch (Effect of short-term, low-dose corticosteroids on plasma lipoprotein lipids), 167

Fieschi, C., see Passero, S., 211 Fukuzaki, H., see Kariya, K.-I., 251

Glueck, C.J., see Mellies, M.J., 57

Gödicke, W., see Matthias, D., 115 Gries, F.A., see Koschinsky, T., 7

Hatanaka, H., see Kasama, T., 263

Hendriks, T., see Van Niekerk, J.L.M., 225

Heptinstall, R.H., see Pearson, T.A., 125

Howard, Jr., C.F., J. Wolff and A. Van Bueren (Lipoprotein patterns in nondiabetic, borderline diabetic, and diabetic Macaca nigra), 75

Hulstaert, F., see Rosseneu, M., 231

Inzitari, D., see Passero, S., 211

Iwai, M., see Kasama, T., 263

Iwatani, I., see Kasama, T., 263

Jacobsson, L. (Influence of clofibrate on the plasma lipoprotein pattern and on the lipid content and protein and collagen synthesis in atherosclerotic coronary arteries and abdominal aorta from hypercholesterolemic mini-pigs), 173

James, K.S., see Rogers, S., 137 Jones, J.G., see Rogers, S., 137

Kariya, K.-I., Y. Kawahara, T. Tsuda, H. Fukuzaki and Y. Takai (Possible involvement of protein kinase C in platelet-derived growth factor-stimulated DNA synthesis in vascular smooth muscle cells), 251

Kasama, T., G. Yoshino, I. Iwatani, M. Iwai, H. Hatanaka, T. Kazumi, M. Oimomi and S. Baba (Increased cholesterol concentration in intermediate density lipoprotein fraction of normolipidemic non-insulin-dependent diabetics) (Preliminary Note), 263

Katan, M.B., see Beynen, A.C., 239

Kawahara, Y., see Kariya, K.-I., 251

Kazumi, T., see Kasama, T., 263

Khoury, P., see Mellies, M.J., 57

Kliman, P.G, see Berlin, E., 85

Klinefelter, H.F., see Ettinger, W.H., 167

Kłosiewicz-Latoszek, L., G. Nowicka, W.B. Szostak and M. Naruszewicz (Influence of bezafibrate and colestipol on LDL-cholesterol, LDL-apolipoprotein B and LDL-cholesterol in hyperlipoproteinaemia), 203

Koivisto, P., T. Kuusi and T.A. Miettinen (High density lipoprotein, apoprotein A-I and A-II and postheparin plasma

lipolytic enzymes after ileal bypass), 181

Koschinsky, T., C.E. Bünting, R. Rütter and F.A. Gries (Increased growth stimulation of human vascular cells by serum from patients with primary hyper-LDL-cholester-olemia), 7

Kostner, G.M., see Nimpf, J., 109

Kruth, H.S. (Accumulation of unesterified cholesterol in limbal cornea and conjunctiva of rabbitss fed a high-cholesterol diet) (Review), 1

Kuusi, T., see Koivisto, P., 181

Kwiterovitch, P.O., see Ettinger, W.H., 167

Lamkin, G., see Mellies, M.J., 57

Larrue, J., see Dupont, H., 15

Lemmens, A.G., see Beynen, A.C., 239

McGeachie, J.K., see Dilley, R.J., 99

McGeachie, J.K., see Zimmerman, M., 33

Malmros, H., see Pearson, T.A., 125

Martini, A., see Passero, S., 211

Matthias, D., C-H. Becker, W. Gödicke, R. Schmidt and K. Ponsold (Action of cholestane- $3\beta$ , $5\alpha$ , $6\beta$ -triol on rats with particular reference to the aorta), 115

Meade, T.W., see Mitropoulos, K.A., 43

Mellies, M.J., E.A. Stein, P. Khoury, G. Lamkin and C.J. Glueck (Effects of fenofibrate on lipids, lipoproteins, and apolipoproteins in 33 subjects with primary hypercholesterolemia), 57

Merrilees, M.J., see Scott, L.J., 145

Miettinen, T.A., see Koivisto, P., 181

Miettinen, T.A., see Simonen, H., 159

Mitropoulos, K.A., M.F. Esnouf and T.W. Meade (Increased factor VII coagulant activity in the rabbit following diet-induced hypercholesterolaemia — Evidence for increased conversion of VII to αVII<sub>a</sub> and higher flux within the coagulation pathway), 43

Mohtai, M. and T. Yamamoto (Smooth cell proliferation in the rat coronary artery induced by vitamin D), 193

Moore, S., see Alavi, M.Z., 65

Nardini, N., see Passero, S., 211

Naruszewicz, M., see Kłosiewicz-Latoszek, L., 203

Nicoloff, C., see Baydanoff, S., 267

Nimpf, J., H. Wurm and G.M. Kostner (β<sub>2</sub>-Glycoprotein-I (apo-H) inhibits the release reaction of human platelets during ADP-induced aggregation), 109

Nowicka, G., see Kłosiewicz-Latoszek, L., 203

O'Brien, J.R., see Rogers, S., 137 Oimomi, M., see Kasama, T., 263

Passero, S., G. Rossi, N. Nardini, C. Bonelli, M. D'Ettore, A. Martini, N. Battistini, V. Albanese, G. Bono, G.L. Brambilla, L. Candelise, L. De Zanche, D. Inzitari, M. Rasura and C. Fieschi (Italian multicenter study of reversible cerebral ischemic attacks, Part 5 (Risk factors for atherosclerosis and cerebral atherosclerosis)), 211

Pearson, T.A., H. Malmros, 3. Dillman, N. Sternby and R.H. Heptinstall (Atherosclerosis in the hypercholesterolemic hare — Comparison of coronary artery lesions induced by dietary cholesterol in the hare and the rabbit), 125

Pollak, O.J. (Risk factors for atherosclerosis in proper perspective) (Viewpoint), 257

Ponsold, K., see Matthias, D., 115

Potgieter, G.M., see Vermaak, W.J.H., 235

Prendergast, F.J., see Dilley, R.J., 99

Rasura, M., see Passero, S., 211

Reidy, J., see Adams, C.W.M., 153

Robertson, R.J., see Swank, A.M., 187

Rogers, S., K.S. James, B.K. Butland, M.D. Etherington, J.R. O'Brien and J.G. Jones (Effects of a fish oil supplement on serum lipids, blood pressure, bleeding time, haemostatic and rheological variables — A double blind randomised controlled trial in healthy volunteers), 137

Ronai, A., see Beynen, A.C., 239

Rosseneu, M., G. De Backer, H. Caster, F. Hulstaert and J. Bury (Distribution and composition of HDL subclasses in students whose parents suffered prematurely from a myocardial infarction in comparison with controls), 231

Rossi, G., see Passero, S., 211

Rütter, R., see Koschinsky, T., 7

Rymaszewski, Z., D.U. Sprinkle, R.L. Yunker, C.A. Stevens and M.T.R. Subbiah (Cholestyramine treatment in early life — Immediate and delayed effects on arterial cholesteryl ester metabolizing enzymes in the rabbit), 27

Schmidt, R., see Matthias, D., 115

Scott, L.J. and M.J. Merrilees (Stimulation of smooth muscle cell glycosaminoglycan synthesis by cultured endothelial cells is dependent on endothelial cell density), 145

Seidel, D., see Thiery, J., 53

Shapiro, S.G., see Berlin, E., 85

Simonen, H. and T.A. Miettinen (Coronary artery disease and bile acid synthesis in familial hypercholesterolemia), 159

Sprinkle, Z., see Rymaszewski, Z., 27

Stein, E.A., see Mellies, M.J., 57

Sternby, N., see Pearson, T.A., 125

Stevens, C.A., see Rymaszewski, Z., 27

Subbiah, M.T.R., see Rymaszewski, Z., 27

Swank, A.M., R.J. Robertson, R.W. Deitrich and M. Bates (The effect of acute exercise on high density lipoprotein-cholesterol and the subfraction in females), 187

Szostak, W.B., see Kłosiewicz-Latoszek, L., 203

Takai, Y., see Kariya, K.-I., 251

Theron, H. du T., see Vermaak, W.J.H., 235

Thiery, J. and D. Seidel (Fish oil feeding results in an enhancement of cholesterol-induced atherosclerosis in rabbits), 53 Tsuda, T., see Kariya, K.-I., 251

Van Bueren, A., see Howard, Jr., C.F., 75

Van Niekerk, J.L.M., T. Hendriks and H.H.M. De Boer (Effects of partial ileal bypass on the progression of atherosclerotic lesions in WHHL rabbits), 225

Van Zutphen, L.F.M., see Beynen, A.C., 239

Vermaak, W.J.H., H.C. Barnard, G.M. Potgieter and H. du T. Theron (Vitamin B<sub>6</sub> and coronary artery disease — Epidemiological observations and case studies), 235

Von Deimling, O., see Beynen, A.C., 239

Wassmer, B., see Beynen, A.C., 239 Wolff, J., see Howard, Jr., C.F., 75 Wurm, H., see Nimpf, J., 109

Yamamoto, T., see Mohtai, M., 193 Yoshino, G., see Kasama, T., 263 Yunker, R.L., see Rymaszewski, Z., 27

Zimmerman, M. and J. McGeachie (The effect of nicotine on aortic endothelium — A quantitative ultrastructural study), 33

## Subject Index (Vol. 63)

Angioplasty, percutaneous transluminal, renal arterial pathology after, 153

Announcements, 97, 273

Antibodies, anti-elastin, age-related changes in - in serum from normal and atherosclerotic subjects, 263

Aorta, rat, action of cholestane- $3\beta$ ,  $5\alpha$ ,  $6\beta$ -triol, 115

Apo-H, see β<sub>2</sub>-Glycoprotein-I

Apolipoprotein(s), effect of fenofibrate on - in 33 subjects with primary hypercholesterolaemia, 57

-, A-I and A-II, after ileal bypass, 181

Arterial cholesteryl ester metabolizing enzymes, rabbit, immediate and delayed effects on – by cholestyramine treatment, 27

Arterial wall, rabbit, proteoglycan composition, under conditions of experimentally induced atherosclerosis, 65

Atherosclerosis, age-related changes in anti-elastin antibodies in serum from normal and atherosclerotic subjects, 267

cholesterol-induced, rabbit, enhancement by fish oil feeding, 53

 coronary arteries and abdominal aorta, in hypercholesterolaemic mini-pigs, influence of clofibrate on lipoprotein pattern and on lipid content and protein and collagen synthesis. 173

-, experimental, rabbit, proteoglycan composition of rabbit arterial wall in, 65

-, in hypercholesterolaemic hare, induced by dietary cholesterol, 125

-, rabbit, megakaryopoiesis disturbances, 15

-, risk factors in proper perspective, 257

 WHHL rabbits, effect of partial ileal bypass on progression of, 225

Bezafibrate, influence on LDL-cholesterol, LDL-apolipoprotein B and HDL-cholesterol in hyperlipoproteinaemia, 203 Bile acid synthesis, in familial hypercholesterolaemia, 159 Bleeding time, effect of fish oil supplement, 137 Blood pressure, effect of fish oil supplement, 137

Cholestane- $3\beta$ , $5\alpha$ , $6\beta$ -triol, action on rats with particular reference to the aorta, 115

Cholesterol, dietary, coronary artery lesions in hare and rabbit induced by, 125

increased concentration in IDL fraction of normolipidaemic non-insulin-dependent diabetics, 263

 rabbits fed -, influence of saturated and unsaturated fats on platelet fatty acids, 85

unesterified, accumulation in limbal cornea and conjunctiva of rabbits fed a high-cholesterol diet, 1

Cholesterolaemia, primary hyper-LDL-, increased growth stimulation of human vascular cells by serum from patients

Cholestyramine, treatment in early life, 27

Clofibrate, influence on plasma lipoprotein pattern and on lipid content and protein and collagen synthesis in atherosclerotic coronary arteries and abdominal aorta of hypercholesterolaemic mini-pigs, 173

Cholestipol, influence on LDL-cholesterol, LDL-apolipoprotein B and HDL-cholesterol in hyperlipoproteinaemia, 203

Cornea, limbal, and conjunctiva, accumulation of unesterified cholesterol in - of rabbits fed a high-cholesterol diet, 1

Coronary artery, rat, smooth muscle cell proliferation in - by vitamin D, 193

Coronary artery disease, and bile acid synthesis in familial hypercholesterolaemia, 159

-, and vitamin B<sub>6</sub>, epidemiology, 235

Corticosteroids, short-term and low-dose, effect on plasma lipoprotein lipids, 167

Diabetes, Macaca nigra, lipoprotein patterns, 75

 normolipidaemic non-insulin-dependent, increased cholesterol concentration in IDL fraction of, 263

Diet, high-cholesterol, esterases in inbred strains of mice with differential cholesterolaemic responses to, 239

 -, -, rabbit, accumulation of unesterified cholesterol in limbal cornea and conjunctiva, 1 DNA, synthesis, in vascular smooth muscle cells, involvement of protein kinase C, 251

Endothelium, aortic, effect of nicotine on, quantitative ultrastructural study, 33

-, stimulation of smooth muscle cell glycosaminoglycan synthesis by cultured endothelial cells, 145

Exercise, acute, effect on high density lipoprotein-cholesterol and subfraction in females, 187

Factor VII, increased coagulant activity in rabbit following diet-induced hypercholesterolaemia, 43

Fats, saturated and unsaturated, influence on platelet fatty acids in cholesterol-fed rabbits, 85

Fenofibrate, effect on lipids, lipoproteins and apolipoproteins in 33 subjects with primary hypercholesterolaemia, 57

Fish oil, feeding results in enhancement of cholesterol-induced atherosclerosis in rabbits, 53

-, supplement, effect on serum lipids, blood pressure, bleeding time, haemostatic and rheological variables, 137

 $\beta_2$ -Glycoprotein I, inhibition of release reaction of human platelets during ADP-induced aggregation, 109

Glycosaminoglycan(s), synthesis by smooth muscle cells stimulated by cultured endothelial cells, 145

Hypercholesterolaemia, diet-induced, rabbit, increased factor VII coagulant activity in, 43

-, familial, coronary artery disease and bile acid synthesis in,

-, hare, atherosclerosis in, 125

 mini-pigs, influence of clofibrate on lipoprotein pattern and on lipid content and protein and collagen synthesis in atherosclerotic coronary arteries and abdominal aorta of, 173

-, primary, effects of fenofibrate on lipids, lipoproteins and apolipoproteins, 57

Hyperlipoproteinaemia, influence of bezafibrate and colestipol on LDL-cholesterol, LDL-apolipoprotein B and HDLcholesterol in, 193

Ileal bypass, partial, WHHL rabbits, effect on progression of atherosclerosis, 225

Ischaemia, cerebral ischaemic attacks, Italian multicenter study, 211

Kidney, renal arterial pathology after percutaneous transluminal angioplasty, 153

Lipolytic enzymes, postheparin plasma, after ileal bypass, 181 Lipoprotein(s), effect of fenofibrate on – in 33 subjects with primary hypercholesterolaemia, 57

-, high density, after ileal bypass, 181

-, HDL-cholesterol, effect of acute exercise on - in females, 187

 -, -, influence of bezafibrate and colestipol on - in hyperlipoproteinaemia, 193

 HDL, subclasses, distribution and composition in students whose parents suffered prematurely from myocardial infarction, 231

-, LDL-apolipoprotein B, influence of bezafibrate and colestipol on - in hyperlipoproteinaemia, 193

LDL-cholesterol, influence of bezafibrate and colestipol on
in hyperlipoproteinaemia, 193

 lipids, plasma, effect of short-term, low-dose corticosteroids on, 167

 patterns in nondiabetic, borderline diabetic and diabetic Macaca nigra, 75

Lipid(s), effect of fenofibrate on - in 33 subjects with primary hypercholesterolaemia, 57

-, serum, effect of fish oil supplement, 137

Megakaryopoiesis, disturbances in atherosclerotic rabbits, 15 Myocardial infarction, 231

Nicotine, effect on aortic endothelium, quantitative ultrastructural study, 33

Platelet(s), fatty acids, cholesterol-fed rabbits, influence of saturated and unsaturated fats, 85

-, human, inhibition of release reaction by  $\beta_2$ -glycoprotein-I (apo-H), 109

Protein kinase C, possible involvement of – in platelet-derived growth factor-stimulated DNA synthesis in vascular smooth muscle cells, 251

Proteoglycan(s), composition of – in rabbit arterial wall under conditions of experimentally induced atherosclerosis, 65

Smooth muscle, vascular, proliferative behaviour, morphology and phenotypes, 99

-, cell(s), proliferation, in rat coronary artery, induced by vitamin D, 193

-, stimulation of - glycosaminoglycan synthesis by cultured endothelial cells, 145

 -, vascular, possible involvement of protein kinase C in platelet-derived growth factor-stimulated DNA synthesis in, 251

Vascular cells, human, increased growth stimulation by serum from patients with primary hyper-LDL-cholesterolaemia, 7 Vitamin B<sub>6</sub>, and coronary artery disease, epidemiology, 235

Vitamin D, induces smooth muscle cell proliferation in rat coronary artery, 193

WHHL rabbits, effects of partial ileal bypass on progression of atherosclerosis in, 225

## (Continuation from back cover)

cerebral atherosclerosis) (ATH 03869)	
by S. Passero, G. Rossi, M. Nardini, G. Bonelli, M. D'Ettore, A. Martini, N. Battistini,	
V. Albanese, G. Bono, G.L. Brambilla, L. Candelise, L. De Zanche, D. Inzitari, M.	
Rasura and C. Fieschi (Italy)	211-224
Effects of partial ileal bypass on the progression of atherosclerotic lesions in WHHL rabbits (ATH 03881)	
by J.L.M. Van Niekerk, T. Hendriks and H.H.M. De Boer (The Netherlands) Distribution and composition of HDL subclasses in students whose parents suffered prematurely from a myocardial infarction in comparison with controls (ATH 03874)	225–230
by M. Rosseneu, G. De Backer, H. Caster, F. Hulstaert and J. Bury (Belgium)	231-234
Vitamin B <sub>6</sub> and coronary artery disease — Epidemiological observations and case studies (ATH 03879)	
by W.J.H. Vermaak, H.C. Barnard, G.M. Potgieter and H. du T. Theron (Republic of	
South Africa)	235-238
Esterases in inbred strains of mice with differential cholesterolemic responses to a high-cholesterol diet (ATH 03873)	
by A.C. Beynen, A.G. Lemmens, J.J. De Bruijne, A. Ronai, B. Wassmer, O. Von	
Deimling, M.B. Katan and L.F.M. Van Zutphen (The Netherlands and F.R.G.)	239-249
Possible involvement of protein kinase C in platelet-derived growth factor-stimulated DNA synthesis in vascular smooth muscle cells (ATH 03880)	
by KI. Kariya, Y. Kawahara, T. Tsuda, H. Fukuzaki and Y. Takai (Japan)	251-255
Viewpoint	
Risk factors for atherosclerosis in proper perspective (ATH 03855)	
by O.J. Pollak (U.S.A.)	257-262
Preliminary Notes	
Increased cholesterol concentration in intermediate density lipoprotein fraction of normolipidemic non-insulin-dependent diabetics (ATH 03890)	
by T. Kasama, G. Yoshino, I. Iwatani, M. Iwai, H. Hatanaka, T. Kazumi, M. Oimomi and S. Baba (Japan)	263-266
Age-related changes in anti-elastin antibodies in serum from normal and atherosclerotic	
subjects (ATH 03884)	
by S. Baydanoff, G. Nicoloff and C. Alexiev (Bulgaria)	267-271
Announcements	273
Author Index (Vol. 63)	274-276
Subject Index (Vol. 63)	276-277

